



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9049

SERIAL NUMBER 10/651,226	FILING DATE 08/28/2003 RULE	CLASS 244	GROUP ART UNIT 3644	ATTORNEY DOCKET NO. 6578P001
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS

Douglas W. Caldwell, Glendale, CA;

** CONTINUING DATA *****

none Sab

** FOREIGN APPLICATIONS *****

none Sab

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 11/21/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 2	TOTAL CLAIMS 42	INDEPENDENT CLAIMS 5
---	---------------------------	------------------------	-----------------------	----------------------------

35 USC 119 (a-d) conditions met ☐ yes ☒ no ☐ Met after Allowance

Verified and Acknowledged *Steph H Sab*
 Examiner's Signature Initials

ADDRESS

08791
 BLAKELY SOKOLOFF TAYLOR & ZAFMAN
 12400 WILSHIRE BOULEVARD
 SEVENTH FLOOR
 LOS ANGELES , CA
 90025-1030

TITLE

Compact external launcher for small space payloads

FILING FEE RECEIVED 657	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____
-----------------------------------	---	--